LEEK RURAL DISTRICT COUNCIL

Annual Report

of the

MEDICAL OFFICER OF HEALTH

and the

CHIEF PUBLIC HEALTH INSPECTOR

for the year 1971



Leek Rural District Council

PUBLIC HEALTH COMMITTEE 1971

Chairman:

COUNCILLOR J. TORR

Vice-Chairman:

COUNCILLOR T. HINE

Members:

Councillor	J. W. Alcock	Councillor	C. R. Hewlett, J.P.
**	H. J. Bourne	**	I. Kidd
**	F. E. Brocklehurst	11	H. Mear
	(died March 1971)	**	A. Mellor
**	F. G. Corbishley	**	Mrs. M. Robson
**	C. R. Critchlow	**	J. Rushton
**	J. Critchlow		Mrs. G. Sigley
**	S. R. Critchlow	**	F. W. Smith
**	G. Deaville	**	D. Sutton
**	H. Fawcett	19	F. Tunnicliffe
**	H Hammond	**	A. W. Williams
**	H. Harrison	• •	S. G. Worthington

PUBLIC HEALTH OFFICERS

Medical Officer of Health:

H. E. Wilson, M.B., Ch.B., D.P.H., D.O., F.B.O.A., M.F.C.M

Chief Public Health Inspector:

D. K. PEDLEY, M.R.S.H., M.A.P.H.I., Cert. Food Inspector.

Additional Public Health Inspector:

T. SPENCER, Cert. R.S.I.

OFFICES

Public Health Department, 18 Stockwell Street, Leek, Staffs. (Tel. Leek 2261)



Public Health Department, 18, Stockwell Street, LEEK.

To the Chairman and Members of the Leek Rural District Council

Ladies and Gentlemen.

The Annual Report for 1971 has been compiled in accordance with the Department of Health and Social Security Circular 1/72.

The mid-1971 population was estimated by the Registrar General to be 13,260, a reduction of 240 compared with 1970.

The number of live births was 202 giving a birth rate of 15.2 per thousand of population. This birth rate can be compared with the birth rate for England and Wales as a whole by multiplying the local birth rate by a factor known as the comparability factor which for this district in 1971 was 1.02. The adjusted birth rate was 15.5 compared with 16.0 for England and Wales. Further details will be found on page 4.

The number of deaths was 110 giving an adjusted death rate of 9.9 (comparability factor 1.19) compared with 11.6 for England and Wales. Diseases of the heart and circulatory system excluding hypertensive disease accounted for 50 or 45.5% of all deaths during the year, while malignant diseases accounted for 26 deaths or 23.6% of the total.

The number of confirmed cases of notifiable disease was only 20 compared with 125 in 1970. The reduction was mainly due to measles notifications being only one tenth of the previous year. Details of confirmed cases of notifiable diseases can be found on pages 5, 6 and 7. It is worth noting that there were three cases of Tuberculosis, all males ages 48 years, 50 years and 79 years and the male aged 50 years died. Investigations did not reveal any active infection amongst close contacts. With the co-operation of Dr. Posner, Consultant Chest Physician at the North Staffordshire Royal Infirmary, the Leek Rural District's tuberculosis register was reviewed. A number had left the district while others had been cured so that the figures given on page 5 are significantly less than those for 1970. The most effective single measure for reducing infectious diseases is immunisation or vaccination against that illness. Protection for children against diphtheria, measles, whooping cough, tetanus and poliomyelitis is available from family doctors and county clinics free of charge. Vaccination is available when considered necessary against Tuberculosis, and vaccination against German Measles is available for all girls at 13 years of age. The attitude towards smallpox vaccination has changed and it is no longer recommended as a routine procedure in early childhood. Although vaccination remains the most reliable single measure for the protection of individuals liable to be exposed to smallpox, it carries a very small but definite risk of serious complications. As a result of the smallpox eradication programme by the World Health Organisation over the past few years, there is now much less risk of this

disease being introduced into this Country. The risk of infection is now considered to be less than the danger of serious complications from smallpox vaccination.

However, it is recommended that all travellers to and from areas of the world where smallpox is still endemic or countries where cradication programmes are in progress should be protected by recent vaccination. Vaccination and regular re-vaccination is offered to Health Service staff who come in contact with patients.

Milk sampling in the Leek Rural District is carried out regularly by the Staffordshire County Council and tested for Brucellosis and Tuberculosis. No milk was found to be infected with Tuberculosis but 9 samples relating to one farm were positive for Brucella abortus (3 direct cultures and 6 biological tests). A notice was served on the farmer concerned under the Milk and Dairies (General) Regulations 1959, on 22nd January 1971 requiring him not to sell milk for human consumption until first heat-treated.

Work commenced on the erection of four maisonettes on the Tittesworth Estate and at Brown Edge the old peoples bungalows are anticipated to start in 1972.

The district is supplied with mains water by the Staffordshire Potteries Water Board and particulars relating to the supply may be found on pages 10 and 11.

The main refuse tip at Stoctkon Brook was closed in August 1971 on completion of the site and following an agreement with the Leek Urban District Council to use facilities at Fowlchurch.

I am grateful to the Health Inspectors and other members of the staff for their efficiency and courtesy to the public we serve. I express my appreciation to the Chairman and members for their support and continued interest in the work of this department.

H. E. WILSON (Medical Officer of Health)

GENERAL STATISTICS

AREA	 	 . 1	 		71.675 Acres
No. of Inhabited Houses					
Estimated Population					
No. of Persons per Acre	 	 	 		.185
Rateable Value					
Net Product of 1d. Rate					,
For Year Ended 31/3/71	 	 	 	£	1,462.12.3

VITAL STATISTICS

Live Births Legitimate Illegitimate	• •		 • • •	 M 115 3	F 81 3	TOTAI 196 6
				118	84	202

Birth rate per 1,000 of the population — 15.2 Adjusted birth rate (comparability factor 1.02) — 15.5 (16.0)

Still BirtLs Legitimate Illegitimate				• • •	M 1 0	F 2 0	TOTAL 3 0
					1	2	3

Still birth rate per 1,000 total births — 15 (12.0)

Deaths (all ages)	M	F	TOTAL
	68	42	110

Death rate per 1,000 of the population -8.3Adjusted death rate (comparability factor 1.19) -9.9 (11.6)

Deaths of Infa (Under 1 ye					M	F	TOTAL
Legitimate Illegitimate				• • •	2	0	2
mesimate	••	•	 ***	• • •			
					2	U	2

Infant Mortality Rate (deaths under 1 year of age pcr 1,000 live births — 10.0 (18.0)

(The rates for England and Wales are shown in parenthesis)

TUBERCULOSIS

						iratory ilosis	ar	Total spirat spirat	tory on-
	M	F To	otal	M	FΊ	`otal	M	FΤ	otal
Cases on Register 31/12/70	42 2 —		66 2 —	7 1 —	8 	15 1 —	49 3 —	32 —	81 3
Cases removed	44 34	24 12	68 46	8	8	16 14	52 40	32 20	84 60
Cases on Register 31/12/71	10	12	22	2	_	2	12	12	24

NEW CASES NOTIFIED IN PREVIOUS YEARS

	TAITAA	CAS	ILL COTA	OIII	ו עונוו	TATE	AL AT	003	TUCKE			
											Tota	
										(Re	spirat	ory
				Res	pirato	ry l	Non-	Respi	ratory	an	id No	n-
				Tub	ercul	osis	Tub	ercul	osis	Res	pirate	ory)
				M	FT	'otal	M	FT	otal	M	F To	otal
1971	 			2	_	2	1		1	3	_	3
1970	 								-	—	—	_
1969	 			_	1	1	_				1	1
1968	 					—			_	—	-	_
1967	 			_		-	_	—	-		_	
1966	 			_	2	2		1	1		3	3
1965	 			3	1	4		_	_	3	1	4
1964	 			3	2	5	1	1	2	4	3	7
1963	 			1		1	-	2	2	1	2	3
1962	 			1		1	1	1	2	2	1	3
1961	 			1		1			_	1		1
1960	 			1	1	2			_	1	1	2
1959	 			4	1	5	1	1	2	5	2	7
1958	 			5	3	8		—		5	3	8

NOTIFIABLE DISEASES

The figures below show the Incidence of Infectious Diseases in 1971 in comparison with those of the three preceding years:

	1971	1970	1969	1968
Measles	 11	118	6	65
Whooping Cough	 4	1	2	2
Diphtheria	 _			_
Scarlet Fever	 2	1	3	5
Infective Jaundice	 _		1	2
Dysentery	 	3	_	_
Acute Poliomyelitis	 			
Paratyphoid Fever	 	_	_	1
Meningococcal Infection	 _	1		_
Acute Encephalitis (P.1)	 	1		
Food Poisoning	 		1	6
Anthrax	 		_	
Tuberculosis — Respiratory	 2		1	_
Tuberculosis — Non-Respiratory	 1			
Total	 20	125	14	82
IUtai				

Incidence of Notifiable Diseases

Parishes	Measles	W booping Cough	Scarlet Fever	Tuberculosis	Dysentery	Acute Poliomyelitis	Food	Paratyphoid Fever	Infective Jaundice	Acute En-	Meningococ- cal Infection
Alstonefield Bagnall Bradnop Brown Edge Butterton	2			2							
Endon and Stanley Fawfieldhead Grindon Heathylee Heaton	7				İ						
Hollinsclough Horton Ilam Leekfrith Longnor	•	3	2								
Longsdon Onecote Quarnford Rushton Sheen									į		
Tittesworth Warslow and Elkstones Wetton		1		1							
Total	11	4	2	3		_		_			
М	ont]	hs of	Oc	curr	ence	÷					
January February March April May June July August September October November December	1 2 2 4 1	1	2	1							
Total	11	4	2	3	-		-	-			_

Notifiable Diseases — Age Groups

	1			
(19) sirihadqəən E	ᅜ	0.1		,
otnoA.	M			
Бечег	F			
biodqytareq	M		1	ı
ooibanat	[i			
97i159laI	M		1	
noitoslal	Ŀ			
fassosogninsM. noitssinI	M			
Respiratory Sisolupradu T	Ţ			_
-uo _N	M			
Tuberculosis	[-		١	61
Y103ariqe9H	M		23	
Zainosio T	대			1
Food	M			
Dysentery	Ţ			
Q	M			'
Poliomyelitis	Ŀ			
əjnəA	M		1	
Fever	Ţ		-	63
Scarlet	M	7	_	
gniqood 77 dguoD	Ţ	1	 ¢1	
gaiqood 77	M	1 1	G1	4
	F	%-	2	_
esfags M	M	33.7	4	
AGE GROUP		Under 1 year 1 year 2 years 3 years 4 years 5 9 years 10 14 years 15 24 years 25 44 years 45 64 years 65 and over	Total (all ages)	TOTAL — Male and Female

CAUSES OF DEATH IN LEEK RURAL DISTRICT 1971

Causes	of Death	-	Males	Female
B.5 B.6(2) B.19(2) B.19(3) B.19(4) B.19(5) B.19(6) B.19(7) B.19(10) B.19(11) B.20 B.21 B.23 B.46(1) B.24 B.46(5) B.26 B.27 B.28 B.29 B.30 B.46(6) B.31 B.32 B.33(1) B.46(7) B.34 B.35 B.46(8) B.36 B.46(9) B.38 B.46(11) B.42 B.43 B.45 BE.47 BE.48 BE.49 BE.50	Benign and Unspecified Neoplasms Diabetes Mellitus Anaemias Other Endocrine Etc. Diseases Meningitis Other Diseases of Nervous Ssystem Chronic Rheumatic Heart Disease Hypertensive Disease Iscliaemic Heart Disease Other Forms of Heart Disease Cerebrovascular Disease Other Diseases of Circulatory System Influenza Pneumonia Bronchitis and Emphysema Other Diseases of Respiratory System Peptic Ulcer Appendicitis Other Diseases of Digestive System Intestinal Obstruction and Hernia Other Diseases, Genito-Urinary System Nephritis and Nephrosis Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour, Etc. Other Causes of Perinatal Mortality Symptoms and Ill Defined Conditions Motor Vehicle Accidents Stuicide and Self-Inflicted Injuries		1	1 1 5 1 1 2 7 1 9 3 1 1 1 1 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Total	all causes		68	42

ENVIRONMENTAL HEALTH

Inspection of the Area - Summary of Visits

TY	\wedge	w	16	3.1	A I	٢	-
H	U	u	JC	51	LL.	٧.	u

(a) Housing Inspections				95
(b) Council House applicants				42
(c) Moveable dwellings	• • •	• • •	• • •	6
(d) Improvement Grant applicants	• • •	• • •		405
(e) Council Houses	• • •	• • •		17
			_	565
GENERAL:				
Inspection of premises for nuisances				10
Food premises				35
Slaughterhouses and knacker's yard				315
Drainage inspections				414
Privy conversions				23
Water supplies — general		• • •		51
Samples of water taken				36
Offices, Shops and Railway premises	• • •			73
Refuse and nightsoil collection and disposal		• • •	• • •	488
Infectious diseases	• • •	• • •		24
Fumigations and Infestations	• • •	• • •		26
Rodent control	• • •	• • •	• • •	26
Factories	• • •	• • •	• • •	6
Petroleum stores	• • •	• • •	• • •	91
Miscellaneous	• • •	• • •	• • •	34
Milk Supply	•••	•••	• • •	3
			-	2,220
NOTICES SERVED:				
I. Informal Notices				48
Statutory Notices				2
2. (a) Number of Nuisances Remedied				5
(b) Number of defective dwellings following service of Statutory and In	rend forma		fit ices	39

WATER SUPPLIES

We are indebted to the Engineer, Manager and Clerk of the Staffordshire Potteries Water Board for the following information and comments relating to mains water supplies within the area.

TABLE SHOWING NUMBER OF CONNECTIONS MADE TO MAINS SUPPLIES DURING THE YEAR AND TOTAL NUMBERS OF PROPERTIES NOW CONNECTED

SCHEME	NEW CONNECTIONS DURING YEAR	TOTAL NUMBER OF CONNECTIONS at 31/12/71
EASTERN PARISHES	6	698
HORTON, LONGSDON & RUDYARD	8	274
RUSHTON & HEATON	3	173
BRADNOP	2	57
TOTAL	19	1202

SAMPLES OF MAINS WATER TAKEN BY THE BOARD

Chemical Analysis:	Untrea	ted	wate	er at	sou	rce		 		8
	Treated	i wa	ter	going	gint	o su	pply	 		134
Bacteriological Exan	nination							 	• • •	229
Total for 1971								 		371

All waters reaving the treatment plant at Hulme End and in supply were 100% free from E.Coli.I organisms and, therefore, of high bacterial purity, suitable for domestic consumption. Chemical treatment, including chlorination, maintains this high standard. The water is moderately soft, of high organic quality and contains only a slight trace of iron and manganese. No lead has been found in the water supply and the fluoride content is less than 0.05 mg/1.

WATER SAMPLES TAKEN FOR BACTERIOLOGICAL EXAMINATION BY THE HEALTH DEPARTMENT

Source	Number of Samples Taken	Satisfactory	Unsatisfactory
WELL	3	1	2
SPRING	30	13	17
BOREHOLE	1	I	
RIVER	_	_	
PUBLIC MAINS	2	I	1*
TOTAL	36	16	20

^{*}This sample was taken on suspicion that a service pipe had been exposed to pollution.

HOUSING

(a) NEW HOUSES ERECTED

By	Private	Enterprise	 	 	 	 	 22
By	Local A	uthority	 	 			

(b) COUNCIL HOUSES

The erection of four maisonettes at Tittesworth Estate was commenced in May and completion was anticipated early in 1972.

(c) COUNCIL HOUSE APPLICANTS

Twenty-three new applicants were registered and at the end of the year there were 58 'live' applications on the waiting list.

(d) HOUSING ACT 1969

Four applications for qualification certificates were received during the year. In all cases the standard amenities already existed and certificates were issued.

(e) IMPROVEMENT GRANTS

Particulars relating to improvement Grants are set out in tabular form below and overleaf.

Α.	DISCRET	IONARY	Applications
----	---------	--------	--------------

										Ow1 Occı	Tena
No.	of	applications	received							33	9
,,	,,	,,	brought for	war	d fro	om :	1970			_	2
,,	••	***	approved							27	2
,,	,,	"	refused	• • •	•••	• • •		• • •			2
11		**						• • •		2	_
,,	",	"	withdrawn							2	_
11	7.9	*,	in abeyanc	e						2	
Com	iple	etions									Į.
No.	of	dwellings in	nproved							12	!
,,	,,									12	1 1
.,	,,	conversions	of building	to li	ving	acco	omm	odat	ion	3	_

	NDARD A	pplications							Owner/ Occupier	Tenanted
No. of a	applications	received							27	3
,, ,,	***	brought for	rwar	d fr	om	1970			1	_
** **	**	approved							26	3
** **	**	refused							_	_
** **	11	withdrawn							1	-
** **	9.4	in abeyand	e				• • •	• • •	4	-
		proved	•••	•••				•••	33	3
Ameniti	es Provided									
									1	7.7
(a)	Fixed Ba	th or Shov					•••		1	27
(a) (b)	Fixed Ba Wash Ha	th or Shov nd Basin								30
(a) (b) (c)	Fixed Bar Wash Ha Sink	th or Shov nd Basin				• • •			3	30 4
(a) (b)	Fixed Bar Wash Ha Sink Hot Wate	th or Shov nd Basin							3	30

FOOD AND DRUGS

(a) Brucellosis

SUMMARY OF SAMPLES OF UNTREATED MILK TAKEN FOR BRUCELLA ABORTUS

	Ring	g Test	Cu	lture	Biological		
	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	
Retail Street Milks	190	12			_	_	
Special Samples for Brucella Abortus only taken direct at Farm		6		3		6	
School Milks	2	_	_	-			
School Canteen Milks	_		_	_	_		
Hospitals, etc. Milks	_		_	_	_		
Total	192	18		3	_	6	

(b) The Liquid Egg (Pasteurisation) Regulations, 1963

There are no egg pasteurisation plants within the district.

(c) Food Hygiene

The majority of the shops in the district are of the small family type business and all are generally well maintained. No proceedings were taken during the year in respect of these or other catering establishments within the district.

(d) Poultry Inspection

There are no poultry processing premises within the district.

(e) Slaughterhouses and Knacker's Yards

Three premises are licensed as Slaughterhouses and one as a Knacker's Yard. Particulars as to animals slaughtered, carcases inspected and meat condemned are set out in the table on the following page.

(f) Ice Cream

Seventy-one premises are registered for the sale of Ice Cream. No premises are registered for manufacture.

(g) Food Poisoning Outbreaks

No cases of food poisoning were notified during the year.

MEAT AND FOOD INSPECTION

Carcases and offal inspected and condemned in whole or in part.

	Cattle	Calves	Sheep & Lambs	Pigs	Horses
Number killed	399		1461	376	_
Number inspected	399		1461	376	
All diseases except Tuberculosis and Cysticerci Whole carcases condemned					
Carcases of which some part or organ was condemned	12		2	5	
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	3.00		.14	1.33	_
Tuberculosis only: Whole carcases condemned					
Carcases of which some part or organ was condemned			_		
Percentage of the number inspected affected with tubculosis					
Cysticercosis: Carcases of which some part or organ was condemned	2				
Carcases submitted to treatment by refrigeration	2				_
Generalised and totally condemned		_		_	-

MEAT AND OFFAL CONDEMNED

(a)	of Meat condemned due to:— Tuberculosis Other diseases or conditions		— lb. 237 lb.
			237 lb.

OTHER FOODS CONDEMNED

Nil

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963 REGISTERED PREMISES

CLASS OF PREMISES	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
OFFICES		6	6
RETAIL SHOPS	-	11	11
WHOLESALE, SHOPS, WAREHOUSES			durrenties
CATERING ESTABLISHMENTS OPEN TO THE PUBLIC, CANTEENS FUEL STORAGE		20	20
DEPOTS			
TOTAL		37	37

ANALYSIS OF PERSONS EMPLOYED IN REGISTERED PREMISES

CLASS OF WORK-PLACE	NUMBER OF PERSONS EMPLOYED
OFFICES	17
RETAIL SHOPS	30
WHOLESALE DEPARTMENTS, WAREHOUSES	_
CATERING ESTABLISHMENTS OPEN TO THE PUBLIC	130
CANTEENS	
FUEL STORAGE DEPOTS	
TOTAL	177 (72 Males) (105 Females)

FACTORIES ACT 1961

NUMBER	OF FAC	CTOP	RIES	ON	REG	GIST	ER:-			
Mecha	inical							 	 	 9
Non-N	1echanic	al						 	 	 1
										10
NUMBER	OF INS	SPEC	TIO	NS I	MAD	E		 	 	 6

PETROLEUM ACTS

Twenty-six licences were issued for the bulk storage of 64,100 gallons of petroleum spirit.

- H. E. WILSON

 Medical Officer of Health
- D. K. PEDLEY
 Chief Public Health Inspector

RAINFALL - 1971

READINGS TAKEN AT HULME END PUMPING STATION (Information supplied by courtesy of the Staffs. Potteries Water Board)

JANUARY	 	 	 	 	 i 	nches 3.30
FEBRUARY		 	 	 	 	1.80
MARCH		 	 	 	 	3.25
APRIL		 	 	 	 	2.48
MAY	 	 	 	 	 	1.86
JUNE	 	 	 	 	 	3.54
JULY		 	 	 	 	1.45
AUGUST	 	 	 	 • • •	 	6.62
SEPTEMBER	 	 	 • • •	 	 	1.20
OCTOBER	 	 	 	 +	 	3.38
NOVEMBER	 	 	 	 	 	4.98
DECEMBER	 	 	 	 	 	1.23

Total rainfall for year 35.09

PREVIOUS YEARS

							in ah aa
1970			 		 	 	inches 45.09
1969			• • •	*	 	 	39.60
1968	 		 		 	 	41.80
1967		 	 		 	 	40.80
1966			 		 	 	54.68
1965			 		 	 	50.56
1964			 		 	 	33.38



